
Name: BORE and its use in Supporting Cost Estimation

Presenter(s): Bore : Dr Scott Henninger

Supporting Cost Estimation: Meghna Shah

Objective: To demonstrate BORE and its use in Supporting Cost Estimation

Rationale:

BORE:

A Web-based tool that supports the flexible definition of a wide range of methods and processes, from agile to CMMI and combinations thereof. The BORE framework uniquely provides two levels of process adaptation based on project experiences. The system allows individual development efforts to create an instance of a defined process and tailor it to meet project needs.

Supporting Cost Estimation:

The COCOMO II Local Calibration Project in BORE gives a step-by-step walk through for doing Cost estimation using COCOMO II not documented by the Center for Software Engineering previously.

Target Users:

Organizations doing cost estimation using any tool to improve their process.

Organizations using COCOMO II, to improve its precision by

tailoring it to their system

Scope:

Building an active repository to deliver knowledge to people at the right time using process as a delivery mechanism.

Project Type: multi-year process engineering project supported by FAA

Runs On: Windows 98, Windows NT, Windows 2000, and Windows XP and Unix

IPR Status:

For BORE: Dr. Scott Henninger, Dept. of Computer Science, Univ. of Nebraska

For Supporting Cost Estimation: University of Southern California Center for Software Engineering.

Technical Approach: Using BORE Created a project for Supporting Cost Estimation – in the process of generalizing it to a BORE domain.

Developers:

BORE: Dr. Scott Henninger and his team

Supporting Cost Estimation: Mr Winsor Brown, Meghna Shah, Juraporn Soonthornlipikorn (Jan)

Future Directions: To generalize the Support Cost Estimation to a domain that can then be used to tailor the process to organizational needs.

Demo Description: Go to the URL : http://cse-ferg41.unl.edu/bore.html

Click on the BORE prototype version

If Java-plug in is not installed it will prompt you to do so

Log in as a "guest" user with no password

Select (from the drop-down list) the project "COCOMO II Local Calibration"

Follow the steps (provided) for instructions to do cost estimation.